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# HDC-SD10
HD Camcorder

- Light weight and compact design which enable 1920 x 1080i full-HD video recording any time
- High-powered 16x optical zoom supported by the Advanced O.I.S.
- Clear, stable shots even while walking by Active mode
- Easy and beautiful shooting with iA featuring AF/AE Tracking
- SDHC/SD Memory Card recording with 1.9-sec Quick Power-On and Pre-Rec
- Intuitive operation with 2.7-inch wide touch-screen interface

Full-HD Compact Camcorder Featuring 16x Optical Zoom and Advanced O.I.S. with Active Mode

## IMAGE SENSOR

| | |
|---|---|
| **Image Sensor** | 1/6" MOS |
| **Total Pixels** | 1.47 megapixels |

## Effective Pixels

| | |
|---|---|
| **Motion Image** | 1.17 megapixels [16:9] |
| **Still Image** | 1.17 megapixels [16:9] |

## LENS SECTION

| | |
|---|---|
| **F Value** | F1.8(WIDE)/2.8(TELE) |
| **Optical Zoom** | 16x |
| **Digital Zoom** | 40x- 1000x |
| **Focal Length** | 2.95-47.2 mm |
| **Filter Diameter** | 30.5mm |
| **35mm Film camera Equivalent** | 44.1-706mm (16:9) |

## CAMERA SECTION

| | |
|---|---|
| **Standard illumination** | 1400 lx |
| **Minimum Illumination** | 9 lx (1/25 Low Light Mode)<br>1 lx (Colour Night View Mode) |
| **Image Stabilizer** | Advanced O.I.S. [Optical Image Stabilization] with Active Mode |
| **Focus** | Auto / Manual |

techradar.com ★★★★★ Deep into technology

**Award**

2009-06-25T10:33:00

HDC-SD10, Tech Radar (Online), 4 Stars, June 2009

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| | |
|---|---|
| **White Balance** | Auto / Indoor1 / Indoor2 / Sunny / Cloudy / White set |

## Shutter Speed

| | |
|---|---|
| **Motion Image** | Auto Slow Shutter ON : 1/25-1/8000 , OFF : 1/50-1/8000 |
| **Still Image** | Auto Slow Shutter ON : 1/25-1/8000 , OFF : 1/50-1/8000(Progressive : 1/25-1/500) |
| **Iris** | Auto / Manual |
| **Backlight Compensation** | Yes |

## MONITOR

| | |
|---|---|
| **Monitor(LCD)** | 2.7 Wide LCD ( 230,400 pixels) |

## STILL IMAGE SECTION

| | |
|---|---|
| **Recording Format** | JPEG |

## Rcording Image Size

| | |
|---|---|
| **Creating still picture from motion picture** | 2.1 megapixels (1920 x 1080) [16:9] |
| **Simultaneous Recording** | 2.1 megapixels (1920 x 1080) [16:9] |
| **Still Picture** | 2.1 megapixels (1920 x 1080) [16:9] |
| **Flash** | Yes |
| **DPOF** | Max. 999 images |
| **Pict Bridge** | Yes |

## RECORDING SECTION

| | |
|---|---|
| **Signal System** | 1080 / 50i |
| **Recording Format** | MPEG4-AVC/H.264 (AVCHD standard compliant) |
| **Recording Mode** | HA (17Mbps / VBR) , (1920 x 1080)<br>HG (13Mbps / VBR) , (1920 x 1080)<br>HX (9Mbps / VBR) , (1920 x 1080)<br>HE (6Mbps / VBR) , (1440 x 1080) |
| **Playback Mode** | HA (17Mbps / VBR) , (1920 x 1080)<br>HG (13Mbps / VBR) , (1920 x 1080)<br>HX (9Mbps / VBR) , (1920 x 1080)<br>HE (6Mbps / VBR) , (1440 x 1080) |
| **Audio Recording System** | Dolby Digital (2ch) |
| **Microphone** | 2ch Stereo, Zoom mic. |
| **Speaker** | Dynamic type |
| **Media Remaining Indication** | Yes |

## INTERFACE

| | |
|---|---|
| **AV** | Out |
| **HDMI** | Yes (mini) |
| **USB** | 2.0 Hi-Speed |
| **Video component** | Yes |

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## OTHERS

| | |
|---|---|
| **LED Video Light** | Yes |

## STANDARD ACCESSORIES

| | |
|---|---|
| **AC Adaptor** | Yes |
| **AC Cable** | Yes |
| **DC Cable** | Yes |
| **Rechargeable Battery Pack** | min. 725 mAh / Lithium-Ion |
| **Video Component Cable** | Yes |
| **AV Cable** | Yes |
| **USB Cable** | Yes |
| **Included Software** | HD Writer AE 1.5 |

## GENERAL

| | |
|---|---|
| **Media** | SD/SDHC Memory Card |
| **On-Screen Display Language** | English, German, French, Italian, Spanish, Polish, Czech, Netherlandic, Turkish, Swedish |
| **Power Supply** | DC7.2V / 9.3V |
| **Power Consumption (W)** | 5.5 |
| **Weight (w/o Battery)** | approx. 227g |

## Dimension (W x H x D) [mm]

| | |
|---|---|
| **Width [mm]** | 48 |
| **Height [mm]** | 63 |
| **Depth [mm]** | 115 |

## Dimension (W x H x D) [inch]

| | |
|---|---|
| **Depth [inch]** | 4.53 |
| **Height [inch]** | 2.48 |
| **Width [inch]** | 1.89 |